

Miller's Model for Developing Critical Thinking Skill of Pre-Service Teachers at Suan Sunandha Rajabhat University

Authors : Suttipong Boonphadung, Thassanant Unnanantn

Abstract : The research study aimed to (1) compare the critical thinking of the teacher students of Suan Sunandha Rajabhat University before and after applying Miller's Model learning activities and (2) investigate the students' opinions towards Miller's Model learning activities for improving the critical thinking. The participants of this study were purposively selected. They were 3 groups of teacher students: (1) fourth year 33 student teachers majoring in Early Childhood Education and enrolling in semester 1 of academic year 2013 (2) third year 28 student teachers majoring in English and enrolling in semester 2 of academic year 2013 and (3) third year 22 student teachers majoring in Thai and enrolling in semester 2 of academic year 2013. The research instruments were (1) lesson plans where the learning activities were settled based on Miller's Model (2) critical thinking assessment criteria and (3) a questionnaire on opinions towards Miller's Model based learning activities. The statistical treatment was mean, deviation, different scores and T-test. The result unfolded that (1) the critical thinking of the students after the assigned activities was better than before and (2) the students' opinions towards the critical thinking improvement activities based on Miller's Model ranged from the level of high to highest.

Keywords : critical thinking, Miller's model, opinions, pre-service teachers

Conference Title : ICE 2015 : International Conference on Education

Conference Location : Barcelona, Spain

Conference Dates : February 26-27, 2015